

1. Name : Smt. Madhumala Y.
2. Designation : Asst. Professor
3. Date of Birth : 10-04-1979
4. Contact no
a. Mobile : 9480140150
b. Residence :
b. E-mail : madhumala13@rediffmail.com



5. Qualification

Sl. No	Graduation	Institute	University	Year of Passing
1	M Sc.	Karnatak University Dharwad	Karnatak University Dharwad	2002
2	PGDCA	Karnatak University Dharwad	Karnatak University Dharwad	2001
3	M. Phil	Vinayak Missions University	Vinayak Missions University Salem	2008
4	Ph. D	BEC, Bagalkot	VTU, Belgaum	Registered

6. Short term Course Attended

Sl. No	Title of the course	Institute	Days	Period
1	Drinking water quality analysis	BEC, Bagalkot	3	12 to 14 Oct. 2006
2	Green Chemistry	BEC, BGK	2	2007
3	Effective Teaching Practices	BEC, Bagalkot	3	29 to 31 st Jan. 2010
4	Effective Teaching Practices "High Impact teaching skill attested by Dale Carnegie and associate, Inc. trainer and wipro".	BEC, Bagalkot	5	2 nd to 6 th Aug. 2010
5	Attended Faculty Development Programme on Robotics, Organised by IT Dept, under VTU, VGST, Program,	BEC, Bagalkot	5	26 th -30 th March 2012
6	Research methodology and latex	BIT, Bangalore	2	4 to 6 March 2013
7	Role of IPR in life science industry	BEC, Bagalkot	2	3 rd & 4 th May 2013
8	Worked as HRD trainer for 1 st year BE students	BEC, Bagalkot	2	10 th & 11 th Oct 2015
9	Faculty Development Programme On Pedagogy IIT, Chennai	IIT Chennai	3	12 th -14 th September 2016

10	International Symposium on Energizing Technologies for Sustainable Development	TEQIP-II BEC, BGK	2 days	27 th & 28 th Feb 2017
11	Faculty Development Programme On Active learning components	IIT Chennai	3 days	6 th to 8 th October 2017

7. Projects guided

Title of UG/PG projects guided (only important ones – like KSCST, award winning, innovative etc.)

Sl. No	Title of the project	
01	Optimization of Pectinase production by <i>Aspergillus niger</i> in SSF using wheat bran and orange bagasse	2006-07
02	“ Pilot scale Biosynthesis, Purification and Characterization of Protease from Agro Wastes”	2006-07
03	Penicillin production and purification by <i>Penicillium chrysogenum</i> through submerged culture fermentation	2006-07
04	Study of Phenol degradation by <i>Actinomycetes</i>	2007-08
	Pilot scale biosynthesis , purification and characterization of Protease from Agro wastes	2007-08
05	Biodegradation of naphthalene by <i>Pseudomonas putida</i> ”	2008-09
06	“Biochemical Studies of stress on <i>Salmonella typhi</i> ”	2008-09
07	Hepatoprotective activity of <i>Berberis aristata</i> on albino mice	2009-10
08	“Isolation of lipase producing bacteria from environmental samples and screening for cold adapted/ thermostable. highly active lipase for industrial applications	2010-11
09	The comparative study of enzyme amylase by <i>Bacillus subtilis</i> and <i>Aspergillus niger</i> using solid state fermentation “	2011-12
10	“ Hexavalent Chromium Reduction by Bacteria	2013-14
11	“Reduction of hexavalent chromium to trivalent by indigenous bacteria	2014-15
12	Process Optimization and Bioreduction of Hexavalent Chromium from waste water using Biofilms”(TEQIP II sponsored)	2015-16
13	Biofilm production and reduction of hexavalent chromium in leachate	2016-17

M. Tech (PG)

1	“Hexavalent Chromium Reduction By Bacteria in column Experiment.”	Mr. Abhishek M A	2013-14
2	“Adsorption study of Chromium using different adsorbents.”	Mr. VarshantKumar	2015-16

8. Administration Responsibilities: (a) At University level (b) at College level (c) Others, in the following format

Sl. No.	Nature of work (Chairman, coordinator, member etc.)	Worked for (University, college, etc.)	Year/ Year of work
01	BOS Member	Basaveshwar Engineering College, Bagalkot	2008 till Date
02	Bt zillion coordinator	Basaveshwar Engineering College, Bagalkot	2011-2014
03	MIS-TEQIP(Dept coordinator)	Basaveshwar Engineering College, Bagalkot	2013 Till date
04	Valuation Coordinator	Basaveshwar Engineering College, Bagalkot	2013-14
05	Project Coordinator	Basaveshwar Engineering College, Bagalkot	2015-16
06	Proof Reading	Basaveshwar Engineering College, Bagalkot	2016-17

9. Conferences organized: (As a member of organizing committee)

Sl. No	Particulars	Institute	Days	Period
1	National Level students symposium	BEC, Bagalkot	02	21 and 22 October 2008

10. STTP/FDP conducted

Sl. No	Title	Institute	Days	Period
1	Facilitation, Validation and Quality assurance	BEC, Bagalkot	05	14-18 May, 2013

11. Guest Lecture Delivered

Two Days Training on Food Safety and Personal Health Hygiene to Godavari Bio-refineries Ltd,	8 th & 9 th March, 2017	Sameerawadi, Mudhol
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Publications:

Madhumala Y. Vishal Managutti, Puja B. Patil & Veena S. Sorganvi “Comparative Study of Bioreduction of water containing Hexavalent chromium using biofilm forming and nonbiofilm forming Bacteria” International Journal of Advanced Research Methodology in Engineering and technology Vol. 1, Issue 2, March 2017, ISBN 978-1-63535-889-6 Pg 41-44.

Extracurricular activities

Worked as SRF in a DBT Adhoc funded project entitled “Biodiversity of Bacteria in Western Ghats” for a period of 2 yrs in UAS Dharwad

Research area: Bio-film induced reduction of Hexavalent chromium by indigenous microbes.

Performance Appraisal during past three (3) years.

Self-Appraisal: 3 Major Strengths Good analytical skills , Hard Worker and Dedication towards work